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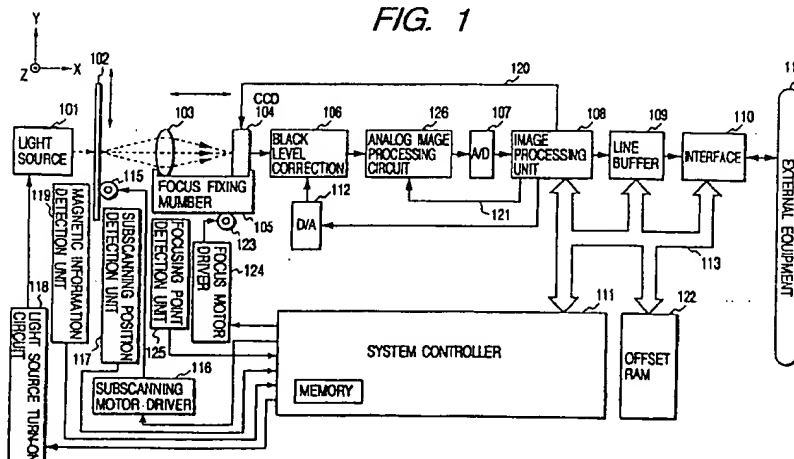
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(54) **Film scanner**

(57) A film scanner capable of reading an image formed on a film in accordance with a photographing mode recorded in each frame of the film. In this film scanner, an image formed in each frame of a film held by a film holder is projected onto a linear image sensor by a focusing optical system to read the image with the linear image sensor. A magnetic information detection unit detects magnetic information recorded in each frame of the film, and a system controller identifies a photographing mode of each frame of the film. In

accordance with the identified photographing mode, an image read area of each frame is set and a subscanning motor is driven in accordance with this image read area. The subscanning motor is driven in the area outside of the image read area at faster speed than the image read area. Therefore, a read time can be shortened as compared to the case wherein all frames are read in the broadest image read area. Trimming works can be omitted.

FIG. 1



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Y	--- PATENT ABSTRACTS OF JAPAN vol. 016, no. 178 (E-1196), 28 April 1992 (1992-04-28) & JP 04 021258 A (FUJI XEROX CO LTD), 24 January 1992 (1992-01-24) * abstract *	1,2,4-6, 8-10, 12-14,16	
A	--- EP 0 698 993 A (NIPPON KOGAKU KK) 28 February 1996 (1996-02-28) * abstract * * column 7, line 54 - column 8, line 2 * * column 8, line 15-19 * * column 12, line 36-40 * * figures 1,3 *	1-16	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H04N G03B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 October 2000	Examiner Wahba, A
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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